

10/542970

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ruile, et al.

Art Unit : Unknown

Serial No. : n/a

Examiner : Unknown

Filed : Herewith

Title : SAW COMPONENT HAVING AN IMPROVED TEMPERATURE
COEFFICIENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

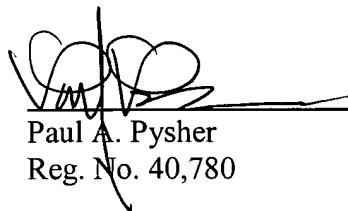
Applicants request consideration of the references listed on the attached PTO-1449 form.

Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 21, 2005



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14219-097US1	Application No. 10/542970
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Ruile, et al.	
		Filing Date	Group Art Unit
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,302,877	04/12/94	Takahiro Sato et al			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AL	1 239 588	09/11/02	EPO			
	AM	05-022067	01/29/93	Japan (Abstract)			
	AN	42 32 046	04/08/93	Germany			Abstract
	AO	196 41 662	04/17/97	Germany			Abstract
	AP						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Yamanouchi et al "High Temperature Stable GHz-Range Low-Loss Wide Band Transducers and Filter Using SiO ₂ /LiNbO ₃ , LiTaO ₃ ", IEEE Transactions on Ultrasonics Ferroelectrics and Frequency Control , IEEE No. 3, May 1995, Pages 392-396 XP000511372
	AR	T. Omori et al "SAW Reflection Characteristics of Cu Electrodes and their Application to SAW IF Devices", IEEE Ultrason. Symp. Proc 2002, to be published
	AS	K. Asai, et al "Experimental and Theoretical investigation for temperature Characteristics and Propagation Losses of SAW's on SiO ₂ /Al/LiTaO ₃ ; IEEE Ultrason. Symp. Proc 2002, to be published

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AT	K. Eda et al "Direct Bonding of Piezoelectric Materials and its Applications", IEEE Ultrason. Symp. Proc 2000, Pages 299-309, to be published
	AU	Kiyoshi Nakamura, Ailie Tourlog "Effect of a Ferroelectric Inversion Layer on the Temperature Characteristics of Sh-Type Surface Acoustic waves on 36 O Y-X LiTaO ₃ Substrates, IEEE Trans Ferroel. Freq. Ctrl. Vol 41, No. 6, Nov 1994, PP 872-875
	AV	J. V. Knuuttila et al "BAW Radiation fomr LSAW Resonators on Lithium Tantalate", IEEE Ultrason. Symp. Proc. 2001 PP 193-196

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